

PATENT

Docket No.: MAN-013

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Group Art Unit: Not Yet Available

Examiner: Not Yet Available

Serial No.: 10/723,285

Filed: November 25, 2003

In re Application of: Werner, et al.

For:

A SEMICONDUCTOR STRUCTURE FOR USE IN THE NEAR INFRARED REGION AND A METHOD OF MANUFACTURING THIS SEMICONDUCTOR

STRUCTURE

Certificate of Mailing

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail, in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on 4/2/04, Signed Carol Stanley

TRANSMITTAL LETTER

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Enclosed please find the following:

- Information Disclosure Statement; 1.
- 2. Form PTO-1449;
- 3. 15 References.

Please contact Applicant's attorney at the address, telephone or facsimile number if there are any matters whose resolution can be expedited thereby.

Dated: Arril 2 swy

Respectfully submitted. SIERRA PATENT GROUP, LTD.

Sierra Patent Group, Ltd. P.O. Box 6149 Stateline, NV 89449

(775) 586-9500 Telephone (775) 586-9550 Facsimile

Reg. No.: 46,4



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#### INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Each item of information listed in the attached FORM PTO-1449, for which a copy of each is attached, may be material to the examination of the above-identified application and is, therefore, submitted in compliance with the duty of disclosure defined in 37 CFR §§1.56, 1.97 and 1.98. The Examiner is requested to make these items of official record in this application.

This Information Disclosure Statement under 37 CFR §§1.56, 1.97 and 1.98 is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any one or more of these items constitutes prior art.

Serial No.: 10/723,285 Docket No.: MAN-013

I

## This statement is filed pursuant to:

#### (X) 37 C.F.R. §1.97(b).

This information disclosure statement is filed either (1) within three months of the filing date of the national applications; (2) within three months of the date of entry of the national stage as set forth in 37 C.F.R. §1.491 in an international application; or (3) before the mailing date of a first office action on the merits, whichever event occurs last.

Accordingly, this information disclosure statement requires no fee and no certification.

### () 37 C.F.R. §1.97(c).

This information disclosure statement is filed after the period specified in 37 C.F.R. §1.97(b), but before the mailing date of either (1) a final action under 37 C.F.R. §1.113 or (2) a notice of allowance under 37 C.F.R. §1.311.

Accordingly, this information disclosure statement requires either the fee specified in 37 C.F.R. § 1.17 (p) or a certification according to 37 C.F.R. §1.97(e).

#### ( ) 37 C.F.R. §1.97(d).

This information disclosure statement is filed after the period specified in 37 C.F.R. §1.97(c).

Accordingly, this information disclosure statement requires the fee specified in 37 C.F.R. §1.17(p), \$180.00, for submission of an information disclosure statement under 37 C.F.R. §1.97(d), and a statement according to 37 C.F.R. §1.97(e).

37 C.F.R. §1.97(e).

- (X) (1) Each item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the statement.
- ( ) (2) No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. §1.56(c), more than three months prior to the filing of the statement.

If this statement crosses in the mail with an office action, or is otherwise not in the indicated category of 37 C.F.R. §1.97, it is respectfully requested that this statement be treated in the next appropriate category and made of record. To the extent required, please treat this paper as a conditional petition for acceptance of the information disclosure statement.

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II

- (X) No fee is due.
- ( ) The fee specified in 37 C.F.R. §1.17(p) for submission of an information disclosure statement under 37 C.F.R. §1.97(c), 37 C.F.R. § 1.97(d), or 37 C.F.R. §1.97(e) is enclosed, \$180.00.

In the event any fee is required for filing the above-noted document, including any fees required under 37 CFR 1.136 for any necessary Extension of Time to make the filing attached document timely, the Assistant Commissioner is hereby authorized to charge the fee to our Deposit Account No. 50-0612. A duplicate of this page is enclosed.

Respectfully submitted, SIERRA PATENT GROUP, LTD.

Dated: Acr 2 2001

Andrew D. Gathy Reg. No.: 46,441

Sierra Patent Group, Ltd. P.O. Box 6149 Stateline, NV 89449 (775) 586-9500 (775) 586-9550 Fax

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Form: O 1449  TRADEV. 2-32)  U.S. Department of Commerce  Patent and Trademark Office						Atty. Docket No. MAN-013		Serial No. 10/723,285			
Information Disclosure Statement by Applicant						Applicant: Werner, et al.					
(Use several sheets if necessary)						Filed: 11/25/03 Group: Not Yet Avail.					
			1	U.S. Patent Doc	uments						
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	1	4,959,694	09/25/90	Gell			357	16	12/23/88		
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	4	EP 1 178 522 A1	02/06/02	EP			H01L 21	20		X	
	5	European Search Report	07/14/03	EP					Х		
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•	6	Schmidt, et al., RESONANT TUNNELING DIODES MADE UP OF STACKED SELF-ASSEMBLED GE/SI ISLANDS, Applied Physics Letters, American Institute of Physics, Vol. 77, No. 26, pgs. 4341-4343, 12/25/00.									
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